

PATENT
Atty Docket No. 10014834-1

In the claims:

Applicants seek to cancel claims 21-30, and amend claims 9, 10, 13, 15 and 31 herein. A complete set of claims, as currently amended, is provided below.

Claims 1-3 (Canceled)

4. (previously amended) A mechanism for ensuring correct installation of a printhead into a printer comprising:

a detachable printhead having a top surface, a toe-end and a back end;

a mount having a toe-end engaging portion and a back end engaging portion, said toe-end engaging portion operably engaging the toe-end thereby pivotally securing said toe-end to said printer, said back end mounting portion operably engaging said back end when said toe-end is pivotally secured to said toe-end mounting portion and said printhead is pivoted about said toe-end toward said back end mounting portion;

a cover operably secured over said chamber and extending partially over said toe-end of said printhead when said detachable printhead is secured to said mount defining a neutral position of the cover with respect to the mount, said cover preventing said back end from operably engaging said back end engaging portion of said mount before said toe-end is pivotally secured to said toe-end engaging portion of said mount.

5. (previously amended) The mechanism for ensuring correct installation of a printhead of claim 4, wherein said printer is an inkjet printer.

6. (previously amended) The mechanism for ensuring correct installation of a printhead of claim 4, wherein said cover includes a substantially planar top surface having an angled leading edge lip for operably engaging the toe-end of said printhead during installation.

7. (previously amended) The mechanism for ensuring correct installation of a printhead of claim 4, wherein said cover is pivotally secured to said mount at a

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pivot point and able to deflect slightly out of the cover's engaged position to facilitate installation of said detachable printer component.

8. (previously amended) The mechanism for ensuring correct installation of a printhead of claim 7, wherein said cover is biased to said cover's neutral position.

9. (currently amended) The mechanism for ensuring correct installation of a printhead of claim 8. ~~A mechanism for ensuring correct installation of a detachable printer component into a printer comprising:~~

~~a detachable printer component having a toe end and a back end;~~

~~a mount secured to the printer for detachably receiving the printer component by operably engaging said toe end and said back end of said detachable printer component; and,~~

~~a cover operably secured to said mount extending partially over said toe end of said detachable printer component when said detachable printer component is secured to said mount defining a neutral position of the cover with respect to the mount such that in order to allow said toe end to operably engage said mount, said toe end must be positioned under said cover before said back end is secured to said mount.~~

~~wherein said cover is pivotally secured to said mount at a pivot point and able to deflect slightly out of the cover's engaged position to facilitate installation of said detachable printer component and said cover is biased to said cover's neutral position with a beam spring extending between said cover and said mount.~~

10. (currently amended) The mechanism for ensuring correct installation of a printhead of claim 4. ~~A mechanism for ensuring correct installation of a detachable printer component into a printer comprising:~~

~~a detachable printer component having a toe end and a back end;~~

~~a mount secured to the printer for detachably receiving the printer component by operably engaging said toe end and said back end of said detachable printer component; and,~~

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~~a cover operably secured to said mount extending partially over said toe end of said detachable printer component when said detachable printer component is secured to said mount defining a neutral position of the cover with respect to the mount such that in order to allow said toe end to operably engage said mount, said toe end must be positioned under said cover before said back end is secured to said mount,~~

wherein said cover is a visually distinguishable color from the color of said mount.

Claims 11-12 (canceled)

13. (currently amended) The inkjet printer of claim 15, wherein said cover has an engaged position and is pivotally secured to said mount at a pivot point and able to deflect slightly out of the cover's engaged position to facilitate installation of said ~~detachable printhead~~detachable printer component.

14. (previously amended) The inkjet printer of claim 15, wherein said cover is biased to said cover's neutral position.

15. (currently amended) An inkjet printer comprising;
a chassis;
a motor;
a carriage operably secured to the chassis and driven by the motor for reciprocal movement relative to the chassis;
~~a detachable ink reservoir having a toe end and a back end;~~
~~a printhead operably secured to the carriage, in fluid communication with said ink reservoir, and in electrical communication with a controller;~~
~~a mount secured to said carriage for detachably receiving said ink reservoir in an ink reservoir chamber by operably engaging said toe end and said back end of said detachable printer component; and,~~

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~~a cover operably secured to said mount extending partially over said ink reservoir chamber such that in order to allow said toe end to operably engage said mount, said toe end must be positioned under said cover and within said ink reservoir chamber before said back end is secured to said mount;~~

~~wherein said cover is a visually distinguishable color from the color of said mount;~~

a detachable printhead having a top surface, a toe end and a back end;

a mount having a toe end engaging portion and a back end engaging portion, said toe end engaging portion operably engaging the toe end thereby pivotally securing said toe end to said printer, said back end mounting portion operably engaging said back end when said toe end is pivotally secured to said toe end mounting portion and said printhead is pivoted about said toe end toward said back end mounting portion;

a cover operably secured over said chamber and extending partially over said toe end of said printhead when said detachable printhead is secured to said mount defining a neutral position of the cover with respect to the mount, said cover preventing said back end from operably engaging said back end engaging portion of said mount before said toe end is pivotally secured to said toe end engaging portion of said mount.

16. (previously amended) A method for ensuring proper toe-heel insertion of a detachable printer component having a top surface, a toe end and a back end into a mount on a printer, the mount operably engaging the toe end and the back end of the detachable printer component, said method comprising the steps of:

providing a partial cover with a visually distinguishable color from the color of the mount;

positioning the partial cover over the mount such that the partial cover extends partially over the toe end of the detachable printer component when the detachable printer component is secured to the mount;

first pivotally securing the toe end of the detachable printer component to the mount by positioning the toe end below the partial cover such that the top surface of

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the detachable printer component operably engages the partial cover and the toe-end is pivotally secured to the mount; and,

then pivoting the detachable printer component about the toe-end to allow the back end to operably engage the mount thereby securing the detachable printer component to the mount.

17. (original) The method for ensuring proper toe-heel insertion of a detachable printer component of claim 16, further including the step of blocking the toe-end of the detachable printer component from operably engaging the mount with the cover if the back end is secured to the mount before the toe-end is secured to the mount.

18. (original) The method for ensuring proper toe-heel insertion of a detachable printer component of claim 16, wherein said detachable printer component is an ink reservoir.

19. (original) The method for ensuring proper toe-heel insertion of a detachable printer component of claim 16, further including the step of biasing the cover to a neutral position.

20. (original) The method for ensuring proper toe-heel insertion of a detachable printer component of claim 16, wherein the printer is an inkjet printer having a carriage, the detachable printer component is an ink reservoir, and the mount is operably secured to the carriage.

21 -30 (cancelled)

31. (currently amended) The inkjet printer of claim 15, wherein said cover includes a substantially planar top surface having an angled leading edge lip for operably engaging the toe-end of said detachable printhead printer component during installation.